

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| L1 | 1336847 | wire or metalliz\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:21 |
| L2 | 1435294 | wire or metalliz\$4 or metal adj layer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:22 |
| L3 | 27636 | 1 same etch\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:22 |
| L4 | 5612 | ild or (interlayer inter adj layer) adj dielectric | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:23 |
| L5 | 1445579 | sio? or "sio.sub.2" or oxide | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:23 |
| L6 | 366879 | si?n? or "si.sub.3 or n.sub.4" or nitride | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:23 |
| L7 | 16597 | third adj (L4 or L5 or L6 or dielectric or insulat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:24 |
| L8 | 620 | 3 and 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:24 |
| L9 | 580 | 8 and (@ad < "20030630") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:25 |

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|----------|---------|--|---|----|-----|------------------|
| L10 | 5717 | ((438/624) or (438/626) or (438/631) or (438/634) or (438/637) or (438/638)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/10 14:49 |
| S95 | 4 | (("20020146899") or ("6174800") or ("6211085") or ("6566241")).PN. | US-PGPUB; USPAT | OR | OFF | 2004/12/09 20:47 |
| S96 | 5612 | ild or (interlayer inter adj layer) adj dielectric | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 12:56 |
| S97 | 1445579 | sio? or "sio.sub.2" or oxide | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 12:57 |
| S98 | 366879 | si?n? or "si.sub.3 or n.sub.4" or nitride | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 12:57 |
| S99 | 16597 | third adj (S96 or S97 or S98 or dielectric or insulat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:23 |
| S10 0 | 523756 | throughhole or through adj hole or via adj hole | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:00 |
| S10 1 | 2603 | S99 and S100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:06 |
| S10 2 | 258962 | (upper or top or above) near2 (metal or line or interconnect) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:07 |
| S10 3 | 825 | S101 and S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:07 |

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| S10 4 | 755 | S103 and (@ad < "20030630") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:24 |
| S10 5 | 19810 | hynix.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:08 |
| S10 6 | 6 | S103 and S105 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:11 |
| S10 7 | 497068 | (second! addition\$4 another top upper) near2 (metal line cu copper al aluminum interconnect) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:13 |
| S10 8 | 5505 | S99 and S107 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:13 |
| S10 9 | 1374 | S99 and S107 and S100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:14 |
| S11 0 | 682 | S104 and S107 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:16 |
| S11 1 | 15733 | (seam gap open opening) near2 S100 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 13:17 |
| S11 2 | 172 | S109 and S111 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/10 14:21 |